

L Number	Hits	Search Text	DB	Time stamp
1	44	G-phase	USPAT; US-PGPUB	2003/02/03 09:51
2	20822	thiocyanate thiocyanic	USPAT; US-PGPUB	2003/02/03 09:51
3	1	G-phase and (thiocyanate thiocyanic)	USPAT; US-PGPUB	2003/02/03 09:51
4	20	G-phase	EPO; JPO; DERWENT	2003/02/03 09:51
5	5473	thiocyanate thiocyanic	EPO; JPO; DERWENT	2003/02/03 09:52
6	1	G-phase and (thiocyanate thiocyanic)	EPO; JPO; DERWENT	2003/02/03 09:53
7	355	hawkins-J\$.in.	EPO; JPO; DERWENT	2003/02/03 09:53
8	1	(thiocyanate thiocyanic) and hawkins-J\$.in.	EPO; JPO; DERWENT	2003/02/03 09:53
9	3	G-phase and hawkins-J\$.in.	EPO; JPO; DERWENT	2003/02/03 09:55
10	54440	detergent	EPO; JPO; DERWENT	2003/02/03 09:55
11	44	(thiocyanate thiocyanic) and detergent	EPO; JPO; DERWENT	2003/02/03 09:55

DERWENT-ACC-NO: 1991-305108
DERWENT-WEEK: 200170
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TITLE: Conc. surfactant compsn. - comprises a mixt. of
water and 30-55 wt. per
cent of surfactant and is capable of exhibiting hexagonal
symmetry by X-ray
diffraction etc.

INVENTOR: HAWKINS, J ; HODGES, R ; MESSENGER, E T ;
NICHOLSON, W J ; HODGETTS,
R ; MESSENGER, E ; HAWKINS, J K

PATENT-ASSIGNEE: ALBRIGHT & WILSON LTD[ALBR], HUNTSMAN
INT LLC[HUNTN],
ALBRIGHT & WILSON UK LTD[ALBR]

PRIORITY-DATA: 1991GB-0005788 (March 19, 1991) ,
1990GB-0008120 (April 10,
1990) , 1991GB-0007637 (April 10, 1991) , 1991GB-0018564
(August 30, 1991)
, 1991GB-0022213 (October 18, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
EP 452106 A	October 16, 1991	N/A
038	N/A	
CA 2040150 C	October 23, 2001	E
000	C11D 001/29	
AU 9174225 A	October 17, 1991	N/A
000	N/A	
NO 9101401 A	October 11, 1991	N/A
000	N/A	
BR 9101413 A	November 26, 1991	N/A
000	N/A	
CA 2040150 A	October 11, 1991	N/A
000	N/A	
GB 2245280 A	January 2, 1992	N/A
000	N/A	
FI 9101710 A	October 11, 1991	N/A
000	N/A	
CS 9101010 A	November 12, 1991	N/A
000	N/A	

FR 2661842 A	November 15, 1991	N/A
000	N/A	
CN 1057480 A	January 1, 1992	N/A
000	C11D 001/83	
JP 04227838 A	August 17, 1992	N/A
030	B01F 017/00	
HU 61327 T	December 30, 1992	N/A
000	C11D 009/26	
ZA 9102664 A	December 30, 1992	N/A
055	C11D 000/00	
EP 452106 A3	August 5, 1992	N/A
000	N/A	
AU 642228 B	October 14, 1993	N/A
000	C11D 017/00	
NZ 237789 A	November 25, 1994	N/A
000	C11D 017/00	
IT 1245047 B	September 13, 1994	N/A
000	C11D 000/00	
IL 97805 A	January 24, 1995	N/A
000	C11D 017/00	
JP 95063605 B2	July 12, 1995	N/A
026	B01F 017/00	
NO 177862 B	August 28, 1995	N/A
000	C11D 017/02	
EP 452106 B1	October 16, 1996	E
043	C11D 017/00	
DE 69122646 E	November 21, 1996	N/A
000	C11D 017/00	
ES 2097183 T3	April 1, 1997	N/A
000	C11D 017/00	
US 5952285 A	September 14, 1999	N/A
000	C11D 001/83	
HU 216907 B	October 28, 1999	N/A
000	C11D 009/26	
CZ 286792 B6	July 12, 2000	N/A
000	C11D 001/83	
EP 452106 B2	December 13, 2000	E
000	C11D 017/00	
KR 215229 B1	August 16, 1999	N/A
000	C11D 001/00	
SK 281633 B6	June 11, 2001	N/A
000	C11D 001/83	

DESIGNATED-STATES: AT BE CH DE ES FR GB GR IT LI LU NL SE
 BE DE ES FR GB IT NL B
 E DE ES FR GB IT NL

CITED-DOCUMENTS: NoSR.Pub; EP 153857 ; EP 295021 ; EP
 301884 ; EP 346993 ; EP
 38101 ; EP 388239 ; EP 68520 ; GB 2022125 ; GB 2179053 ; GB
 2179054 ; US
 4781849

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
EP 452106A	N/A	1991EP-0303146
April 10, 1991		
CA 2040150C	N/A	1991CA-2040150
April 10, 1991		
GB 2245280A	N/A	1991GB-0007637
April 10, 1991		
FR 2661842A	N/A	1991FR-0004376
April 10, 1991		
CN 1057480A	N/A	1991CN-0103224
April 10, 1991		
JP 04227838A	N/A	1991JP-0077733
April 10, 1991		
HU 61327T	N/A	1991HU-0001167
April 10, 1991		
ZA 9102664A	N/A	1991ZA-0002664
April 10, 1991		
EP 452106A3	N/A	1991EP-0303146
April 10, 1991		
AU 642228B	N/A	1991AU-0074225
April 9, 1991		
AU 642228B	Previous Publ.	AU 9174225
N/A		
NZ 237789A	N/A	1991NZ-0237789
April 10, 1991		
IT 1245047B	N/A	1991IT-TO00264
April 10, 1991		
IL 97805A	N/A	1991IL-0097805
April 9, 1991		
JP 95063605B2	N/A	1991JP-0077733
April 10, 1991		
JP 95063605B2	Based on	JP 4227838
N/A		
NO 177862B	N/A	1991NO-0001401
April 10, 1991		
NO 177862B	Previous Publ.	NO 9101401
N/A		
EP 452106B1	N/A	1991EP-0303146
April 10, 1991		
DE 69122646E	N/A	1991DE-0622646

April 10, 1991		
DE 69122646E	N/A	1991EP-0303146
April 10, 1991		
DE 69122646E	Based on	EP 452106
N/A		
ES 2097183T3	N/A	1991EP-0303146
April 10, 1991		
ES 2097183T3	Based on	EP 452106
N/A		
US 5952285A	CIP of	1991US-0683337
April 10, 1991		
US 5952285A	CIP of	1991US-0783369
October 28, 1991		
US 5952285A	CIP of	1992US-0938426
August 31, 1992		
US 5952285A	Cont of	1993US-0119419
September 10, 1993		
US 5952285A	Cont of	1994US-0316061
September 30, 1994		
US 5952285A	Cont of	1995US-0502364
July 14, 1995		
US 5952285A	Cont of	1996US-0684327
July 19, 1996		
US 5952285A	N/A	1997US-0866399
May 30, 1997		
HU 216907B	N/A	1991HU-0001167
April 10, 1991		
HU 216907B	Previous Publ.	HU 61327
N/A		
CZ 286792B6	N/A	1991CS-0001010
April 10, 1991		
CZ 286792B6	Previous Publ.	CS 9101010
N/A		
EP 452106B2	N/A	1991EP-0303146
April 10, 1991		
KR 215229B1	N/A	1991KR-0005739
April 10, 1991		
SK 281633B6	N/A	1991CS-0001010
April 10, 1991		
SK 281633B6	Previous Publ.	CS 9101010
N/A		

A

INT-CL (IPC): A01N025/02; A01N025/30 ; B01F003/08 ;
 B01F017/00 ;
 C09K003/14 ; C09K007/02 ; C11D000/00 ; C11D001/00 ;
 C11D001/12 ;
 C11D001/29 ; C11D001/72 ; C11D001/83 ; C11D001/86 ;

C11D003/06 ;
C11D003/08 ; C11D003/10 ; C11D003/14 ; C11D003/20 ;
C11D003/26 ;
C11D003/48 ; C11D007/00 ; C11D007/02 ; C11D007/10 ;
C11D007/22 ;
C11D009/00 ; C11D009/26 ; C11D010/00 ; C11D010/02 ;
C11D017/00 ;
C11D017/02 ; C11D017/08 ; C11D001:29 ; C11D010/02

RELATED-ACC-NO: 1993-078275

ABSTRACTED-PUB-NO: EP 452106A

BASIC-ABSTRACT: A surfactant compsn. comprises a mixt. of water and 30-55 wt.% of surfactant based on total wt. of surfactant and water. The compsn. is capable of exhibiting hexagonal symmetry by small angle X-ray diffraction and/or neutron scattering and is pourable when subjected to shear. Also claimed is liquid detergent compsn. comprising the surfactant, and a stable spherulitic surfactant compsn..

USE/ADVANTAGE - The surfactant systems comprise high levels of surfactant and are particularly useful in preparing highly concentrated liquid laundry detergents which are environmentally friendly and have good washing performance. The conc. liquids compete effectively with ''compact'' powders. The surfactant systems contain stably suspended solid builders at acceptable viscosities. The compsn. contg. suspended particles can be a scouring cream, pesticidal compsn. or drilling mud.

ABSTRACTED-PUB-NO: EP 452106B

EQUIVALENT-ABSTRACTS: A surfactant compsn. comprises a mixt. of water and 30-55 wt.% of surfactant based on total wt. of surfactant and water. The compsn. is capable of exhibiting hexagonal symmetry by small angle X-ray diffraction and/or neutron scattering and is pourable when subjected to shear. Also claimed is liquid detergent compsn. comprising the

surfactant, and a stable
spherulitic surfactant compsn..

USE/ADVANTAGE - The surfactant systems comprise high levels of surfactant and are particularly useful in preparing highly concentrated liquid laundry detergents which are environmentally friendly and have good washing performance. The conc. liquids compete effectively with ''compact'' powders.

The surfactant systems contain stably suspended solid builders at acceptable viscosities. The compsn. contg. suspended particles can be a scouring cream, pesticidal compsn. or drilling mud.

US 5952285A

The compsns. comprise water, surfactant, and sufficient surfactant-desolubiliser (I) to form a stable spherulitic or G-phase liq. crystal structure. Compsns. comprising solid or liq. particles suspended in compsn. of type (A) are also new.

Pref. the surfactant component is mixt. of 20-75 wt.% of a relatively soluble surfactant, esp. alkyl ether sulphate or alkyl ether carboxylate, and 25-80 wt.% of relatively insol. surfactant, esp. Na alkylbenzene sulphonate and/or an Na soap. (I) is alkali metal carbonate. Liq. detergent compsns. comprise water, 10-15% Na alkyl ether sulphate, 4-10% Na alkylbenzene sulphonate or Na alkyl sulphate, 0-6% soap, 0-3% ethoxylated nonionic surfactant and 8.5-12% Na₂CO₃ or K₂CO₃.

USE/ADVANTAGE - Compsns. of type (A) are useful laundry detergents. Compsns. of type (B) are useful as scouring creams (contg. abrasive particles), pesticidal compsns. (contg. isoluble pesticide), drilling muds (contg. shale and/or weighting agent), detergents (contg. builders, esp. zeolite), or

cosmetic or topical pharmaceutical compsns. (contg.
exfoliants, oils,
anti-dandruff agents, sunscreens, emollients,
antiperspirants, styptics,
antiseptics, insect repellants, pearlisers, waxes,
microsponges, etc.). Dye
dispersions, printing pastes and functional fluids (e.g.
lubricants, cutting
fluids, hydraulic fluids or heat-transfer fluids) are also
disclosed. Addn. of
(I) allows pourable compsns. to be prepd. at high
surfactant concns. normally
resulting in non-pourable

CHOSEN-DRAWING: Dwg.0/18

TITLE-TERMS:

CONCENTRATE SURFACTANT COMPOSITION COMPRISE MIXTURE WATER
WEIGHT PER CENT
SURFACTANT CAPABLE EXHIBIT HEXAGON SYMMETRICAL X=RAY
DIFFRACTED

DERWENT-CLASS: A97 B07 C03 C07 D21 D22 D25 H01

CPI-CODES: A12-W12A; C04-B01C3; C04-C03B; C05-A01B;
C05-A03A; C05-B01G;
C05-B02A3; C05-B02C; C10-A09A; C10-A09B; C10-B04B; C10-G02;
C12-M09; C12-N01;
D11-A01; D11-A03A; D11-A07; D11-D04; D11-D07; H01-B06;

CHEMICAL-CODES:

Chemical Indexing M1 *02*

Fragmentation Code

H5 H589 H8 K4 K421 M224 M225 M226 M231 M272
M280 M281 M312 M323 M332 M342 M383 M393 M423 M431
M510 M520 M530 M540 M782 M903 M904 Q273 Q616 V742
V780

Markush Compounds

199142-65402-M

Chemical Indexing M2 *01*

Fragmentation Code

H713 H721 H722 H723 K0 K4 K421 K431 M210 M211
M212 M213 M214 M215 M216 M220 M221 M222 M223 M224
M225 M226 M231 M232 M233 M271 M272 M281 M320 M416
M431 M620 M782 M903 M904 Q273 Q616

Markush Compounds

199142-65401-M

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0013 0203 0044 0231 0304 0305 0486 0487 1279
1306 1581 1585 1588
1590 1592 1604 1999 2001 2002 2012 2014 2021 2504 2571 2575
2585 2701 3273

Multipunch Codes: 014 028 034 039 04- 05- 055 056 06- 074
081 09- 147 198 200
229 230 231 239 24- 240 249 27& 31- 336 38- 397 436 532 533
535 537 546 575 58-
583 589 59& 603 623 624 678 688 720 723

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1991-132123

DERWENT-ACC-NO: 1993-078275
DERWENT-WEEK: 200243
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TITLE: Pourable liq. surfactant compsns. contg.
de-solubiliser - are useful as
detergents or carriers for pesticides, pharmaceuticals,
cosmetics, etc.

INVENTOR: HATCHMAN, K; HAWKINS, J ; HODGETTS, R ; MOUNSEY,
W A ; NICHOLSON, W J
; WARBURTON, S A ; MOUNSEY, W

PATENT-ASSIGNEE: ALBRIGHT & WILSON LTD[ALBR], ALBRIGHT &
WILSON UK
LTD[ALBR], HUNTSMAN INT LLC[HUNTN], RHODIA CONSUMER
SPECIALTIES LTD[RHOD]

PRIORITY-DATA: 1991GB-0022213 (October 18, 1991) ,
1991GB-0018564 (August 30,
1991) , 1990GB-0008120 (April 10, 1990) , 1991GB-0005788
(March 19, 1991)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
EP 530708 A2	March 10, 1993	E
020	C11D 017/00	
EP 530708 B2	July 3, 2002	E
000	C11D 017/00	
GB 2259519 A	March 17, 1993	N/A
051	C11D 017/00	
AU 9221330 A	March 11, 1993	N/A
000	C11D 017/00	
NO 9203377 A	March 1, 1993	N/A
000	C11D 017/02	
BR 9203375 A	April 20, 1993	N/A
000	C11D 017/00	
CA 2077253 A	March 1, 1993	N/A
000	B01F 017/00	
FI 9203867 A	March 1, 1993	N/A
000	C11D 017/00	
CZ 9202674 A3	May 12, 1993	N/A
000	C11D 001/00	
JP 05209198 A	August 20, 1993	N/A

019	C11D 017/00	
ZA 9206551 A	August 25, 1993	N/A
049	C11D 000/00	
HU 63451 T	August 30, 1993	N/A
000	C11D 001/00	
EP 530708 A3	June 9, 1993	N/A
000	C11D 017/00	
CN 1073973 A	July 7, 1993	N/A
000	C11D 011/00	
NZ 244159 A	December 22, 1994	N/A
000	C11D 017/00	
GB 2259519 B	March 6, 1996	N/A
000	C11D 017/00	
AU 665766 B	January 18, 1996	N/A
000	C11D 017/00	
IL 102950 A	March 31, 1996	N/A
000	C11D 017/00	
EP 530708 B1	January 22, 1997	E
024	C11D 017/00	
DE 69216955 E	March 6, 1997	N/A
000	C11D 017/00	
RO 111203 B1	July 30, 1996	N/A
000	C11D 001/12	
ES 2099775 T3	June 1, 1997	N/A
000	C11D 017/00	
MX 184729 B	May 23, 1997	N/A
000	C11D 017/000	
HU 216618 B	July 28, 1999	N/A
000	C11D 001/00	
US 5952285 A	September 14, 1999	N/A
000	C11D 001/83	
KR 266768 B1	September 15, 2000	N/A
000	C11D 017/00	
JP 3193143 B2	July 30, 2001	N/A
018	C11D 017/00	

DESIGNATED-STATES: AT BE CH DE DK ES FR GB GR IE IT LI LU
 MC NL PT SE AT BE CH D
 E ES FR IT LI LU MC NL PT AT BE CH DE ES FR IT LI LU MC NL
 PT

CITED-DOCUMENTS: No-SR.Pub; EP 151884 ; EP 170091 ; EP
 259741 ; EP 295021 ; EP
 430330 ; EP 452106 ; US 4515704 ; US 4618446 ; WO 9112307

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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APPL-DATE			
EP 530708A2	N/A		1992EP-0114744
August 28, 1992			
EP 530708B2	N/A		1992EP-0114744
August 28, 1992			
GB 2259519A	N/A		1992GB-0018384
August 28, 1992			
AU 9221330A	N/A		1992AU-0021330
August 28, 1992			
NO 9203377A	N/A		1992NO-0003377
August 28, 1992			
BR 9203375A	N/A		1992BR-0003375
August 28, 1992			
CA 2077253A	N/A		1992CA-2077253
August 31, 1992			
FI 9203867A	N/A		1992FI-0003867
August 28, 1992			
CZ 9202674A3	N/A		1992CS-0002674
August 28, 1992			
JP 05209198A	N/A		1992JP-0232087
August 31, 1992			
ZA 9206551A	N/A		1992ZA-0006551
August 28, 1992			
HU 63451T	N/A		1992HU-0002781
August 28, 1992			
EP 530708A3	N/A		1992EP-0114744
August 28, 1992			
CN 1073973A	N/A		1992CN-0111213
August 29, 1992			
NZ 244159A	N/A		1992NZ-0244159
August 31, 1992			
GB 2259519B	N/A		1992GB-0018384
August 28, 1992			
AU 665766B	N/A		1992AU-0021330
August 28, 1992			
AU 665766B	Previous Publ.		AU 9221330
N/A			
IL 102950A	N/A		1992IL-0102950
August 26, 1992			
EP 530708B1	N/A		1992EP-0114744
August 28, 1992			
DE 69216955E	N/A		1992DE-0616955
August 28, 1992			
DE 69216955E	N/A		1992EP-0114744
August 28, 1992			
DE 69216955E	Based on		EP 530708
N/A			
RO 111203B1	N/A		1992RO-0001147

August 31, 1992		
ES 2099775T3	N/A	1992EP-0114744
August 28, 1992		
ES 2099775T3	Based on	EP 530708
N/A		
MX 184729B	N/A	1992MX-0005011
August 31, 1992		
HU 216618B	N/A	1992HU-0002781
August 28, 1992		
HU 216618B	Previous Publ.	HU 63451
N/A		
US 5952285A	CIP of	1991US-0683337
April 10, 1991		
US 5952285A	CIP of	1991US-0783369
October 28, 1991		
US 5952285A	CIP of	1992US-0938426
August 31, 1992		
US 5952285A	Cont of	1993US-0119419
September 10, 1993		
US 5952285A	Cont of	1994US-0316061
September 30, 1994		
US 5952285A	Cont of	1995US-0502364
July 14, 1995		
US 5952285A	Cont of	1996US-0684327
July 19, 1996		
US 5952285A	N/A	1997US-0866399
May 30, 1997		
KR 266768B1	N/A	1992KR-0015753
August 31, 1992		
JP 3193143B2	N/A	1992JP-0232087
August 31, 1992		
JP 3193143B2	Previous Publ.	JP 5209198
N/A		

665766 B
 INT-CL (IPC): A01N025/00; A61K007/00 ; A61K007/075 ;
 A61K007/42 ;
 A61K007/50 ; B01F017/00 ; B01F017/02 ; B01F017/04 ;
 B01F017/10 ;
 B01F017/16 ; B01F017/22 ; B01F017/42 ; B01F017/56 ;
 C09K007/02 ;
 C11D000/00 ; C11D001/00 ; C11D001/12 ; C11D001/83 ;
 C11D001/88 ;
 C11D003/04 ; C11D003/10 ; C11D011/00 ; C11D017/00 ;
 C11D017/000 ;
 C11D017/02

RELATED-ACC-NO: 1991-305108

ABSTRACTED-PUB-NO: EP 530708A

BASIC-ABSTRACT: The compsns. comprise water, surfactant, and sufficient surfactant-desolubiliser (I) to form a stable spherulitic or G-phase liq. crystal structure. Compsns. comprising solid or liq. particles suspended in compsn. of type (A) are also new.

Pref. the surfactant component is mixt. of 20-75 wt.% of a relatively soluble surfactant, esp. alkyl ether sulphate or alkyl ether carboxylate, and 25-80 wt.% of relatively insol. surfactant, esp. Na alkylbenzene sulphonate and/or an Na soap. (I) is alkali metal carbonate. Liq. detergent compsns. comprise water, 10-15% Na alkyl ether sulphate, 4-10% Na alkylbenzene sulphonate or Na alkyl sulphate, 0-6% soap, 0-3% ethoxylated nonionic surfactant and 8.5-12% Na₂CO₃ or K₂CO₃.

USE/ADVANTAGE - Compsns. of type (A) are useful laundry detergents. Compsns. of type (B) are useful as scouring creams (contg. abrasive particles), pesticidal compsns. (contg. insoluble pesticide), drilling muds (contg. shale and/or weighting agent), detergents (contg. builders, esp. zeolite), or cosmetic or topical pharmaceutical compsns. (contg. exfoliants, oils, anti-dandruff agents, sunscreens, emollients, antiperspirants, styptics, antiseptics, insect repellants, pearlisers, waxes, microsponges, etc.). Dye dispersions, printing pastes and functional fluids (e.g. lubricants, cutting fluids, hydraulic fluids or heat-transfer fluids) are also disclosed. Addn. of (I) allows pourable compsns. to be prepd. at high surfactant concns. normally resulting in non-pourable

ABSTRACTED-PUB-NO: EP 530708B

EQUIVALENT-ABSTRACTS: The compsns. comprise water,

surfactant, and sufficient
surfactant-desolubiliser (I) to form a stable spherulitic
or G-phase liq.
crystal structure. Compsns. comprising solid or liq.
particles suspended in
compsn. of type (A) are also new.

Pref. the surfactant component is mixt. of 20-75 wt.% of a
relatively soluble
surfactant, esp. alkyl ether sulphate or alkyl ether
carboxylate, and 25-80
wt.% of relatively insol. surfactant, esp. Na alkylbenzene
sulphonate and/or an
Na soap. (I) is alkali metal carbonate. Liq. detergent
compsns. comprise
water, 10-15% Na alkyl ether sulphate, 4-10% Na
alkylbenzene sulphonate or Na
alkyl sulphate, 0-6% soap, 0-3% ethoxylated nonionic
surfactant and 8.5-12%
Na₂CO₃ or K₂CO₃.

USE/ADVANTAGE - Compsns. of type (A) are useful laundry
detergents. Compsns.
of type (B) are useful as scouring creams (contg. abrasive
particles),
pesticidal compsns. (contg. insoluble pesticide), drilling
muds (contg. shale
and/or weighting agent), detergents (contg. builders, esp.
zeolite), or
cosmetic or topical pharmaceutical compsns. (contg.
exfoliants, oils,
anti-dandruff agents, sunscreens, emollients,
antiperspirants, styptics,
antiseptics, insect repellants, pearlisers, waxes,
microsponges, etc.). Dye
dispersions, printing pastes and functional fluids (e.g.
lubricants, cutting
fluids, hydraulic fluids or heat-transfer fluids) are also
disclosed. Addn. of
(I) allows pourable compsns. to be prepd. at high
surfactant concns. normally
resulting in non-pourable

GB 2259519B

A pourable composition which comprises: a mixture of water
and surfactant
having a concentration such that when a

surfactant-desolubiliser is progressively added to said mixture the electrical conductivity passes through a minimum value characterised by the formation of a G-phase composition and a subsequent minimum at higher surfactant-desolubiliser concentration than said first minimum and characterised by the formation of a turbid spherulitic composition; and a quantity of dissolved surfactant-desolubiliser, such as a surfactant desolubilising electrolyte, greater than that corresponding to said first minimum but less than that corresponding to said subsequent minimum and sufficient to form a stable composition capable of suspending solid.

US 5952285A

The compsns. comprise water, surfactant, and sufficient surfactant-desolubiliser (I) to form a stable spherulitic or G-phase liq. crystal structure. Compsns. comprising solid or liq. particles suspended in compsns. of type (A) are also new.

Pref. the surfactant component is mixt. of 20-75 wt.% of a relatively soluble surfactant, esp. alkyl ether sulphate or alkyl ether carboxylate, and 25-80 wt.% of relatively insol. surfactant, esp. Na alkylbenzene sulphonate and/or an Na soap. (I) is alkali metal carbonate. Liq. detergent compsns. comprise water, 10-15% Na alkyl ether sulphate, 4-10% Na alkylbenzene sulphonate or Na alkyl sulphate, 0-6% soap, 0-3% ethoxylated nonionic surfactant and 8.5-12% Na_2CO_3 or K_2CO_3 .

USE/ADVANTAGE - Compsns. of type (A) are useful laundry detergents. Compsns. of type (B) are useful as scouring creams (contg. abrasive particles), pesticidal compsns. (contg. insoluble pesticide), drilling muds (contg. shale and/or weighting agent), detergents (contg. builders, esp.

zeolite), or
cosmetic or topical pharmaceutical compsns. (contg.
exfoliants, oils,
anti-dandruff agents, sunscreens, emollients,
antiperspirants, styptics,
antiseptics, insect repellants, pearlisers, waxes,
microsponges, etc.). Dye
dispersions, printing pastes and functional fluids (e.g.
lubricants, cutting
fluids, hydraulic fluids or heat-transfer fluids) are also
disclosed. Addn. of
(I) allows pourable compsns. to be prepd. at high
surfactant concns. normally
resulting in non-pourable

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

TITLE-TERMS:

POUR LIQUID SURFACTANT COMPOSITION CONTAIN DE SOLUBLE
USEFUL DETERGENT CARRY
PEST PHARMACEUTICAL COSMETIC

DERWENT-CLASS: A97 B07 C03 C07 D21 D22 D25 H01

CPI-CODES: B10-A09B; C10-A09B; B10-B03B; C10-B03B;
B10-C04E; C10-C04E;
B10-E04D; C10-E04D; B12-L02; C12-L02; B12-M09; C12-M09;
D08-B03; D08-B04;
D08-B09B; D09-B; D09-E; D11-A01A1; D11-A01B2; D11-A01D;
D11-A03A1; D11-B01C;
D11-B03; D11-B09; D11-B15A; H01-B06;

CHEMICAL-CODES:

Chemical Indexing M1 *06*

Fragmentation Code

H5 H584 H589 H8 K0 K4 K421 M225 M231 M232
M233 M272 M281 M312 M323 M332 M342 M383 M393 M423
M431 M510 M520 M530 M540 M620 M630 M782 M903 M904
Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336 Q416 Q451
Q616 R023 R024 V743

Markush Compounds

199310-06301-M

Chemical Indexing M1 *07*

Fragmentation Code

H4 H401 H481 H5 H584 H589 H8 M220 M223 M224
M225 M231 M232 M233 M272 M281 M312 M323 M332 M342
M383 M393 M423 M431 M510 M520 M530 M540 M620 M782

M903 M904 Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336
Q416 Q451 Q616 R023 R024 V743
Markush Compounds
199310-06302-M

Chemical Indexing M1 *09*

Fragmentation Code
M423 M431 M782 M903 M904 Q251 Q252 Q254 Q263 Q271
Q273 Q315 Q336 Q416 Q451 Q616 R023 R024 V793
Specific Compounds
07707M

Chemical Indexing M1 *16*

Fragmentation Code
M423 M431 M782 M903 Q251 Q252 Q254 Q263 Q271 Q273
Q315 Q336 Q416 Q451 Q616 R023 R024 V780 V802 V815

Chemical Indexing M1 *20*

Fragmentation Code
B414 B713 B720 B744 B796 B799 B833 M210 M211 M250
M283 M320 M423 M431 M510 M520 M530 M540 M620 M782
M903 Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336 Q416
Q451 Q616 R023 R024 V743

Chemical Indexing M2 *01*

Fragmentation Code
H1 H103 H181 H4 H403 H483 H8 M280 M312 M323
M332 M342 M383 M393 M416 M431 M620 M782 M903 M904
M910 Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336 Q416
Q451 Q616 R023 R024
Specific Compounds
00743M

Chemical Indexing M2 *02*

Fragmentation Code
J4 J471 M280 M320 M416 M431 M620 M782 M903 M904
M910 Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336 Q416
Q451 Q616 R023 R024
Specific Compounds
00001M

Chemical Indexing M2 *03*

Fragmentation Code
A119 A940 C106 C108 C530 C730 C801 C802 C803 C805
C807 M411 M431 M782 M903 M904 M910 Q251 Q252 Q254
Q263 Q271 Q273 Q315 Q336 Q416 Q451 Q616 R023 R024
Specific Compounds
01391M

Chemical Indexing M2 *04*

Fragmentation Code

G011 G013 G019 G100 H7 H722 K0 K4 K431 K499
M1 M111 M121 M129 M133 M139 M280 M312 M322 M332
M342 M414 M431 M510 M520 M533 M540 M630 M782 M903
M904 Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336 Q416
Q451 Q613 Q616 R023 R024

Specific Compounds

10740M

Chemical Indexing M2 *05*

Fragmentation Code

G011 G012 G013 G014 G015 G016 G100 H581 H582 H583
H584 K0 K4 K421 K431 M210 M211 M220 M224 M225
M231 M232 M233 M240 M272 M281 M282 M312 M320 M321
M322 M323 M332 M342 M383 M391 M392 M393 M414 M416
M431 M510 M520 M531 M540 M620 M630 M782 M903 M904
Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336 Q416 Q451
Q616 R023 R024

Markush Compounds

199310-06301-M

Chemical Indexing M2 *08*

Fragmentation Code

A422 A940 C108 C550 C730 C801 C802 C803 C804 C805
C807 M411 M431 M782 M903 M904 M910 Q251 Q252 Q254
Q263 Q271 Q273 Q315 Q336 Q416 Q451 Q616 R023 R024

Specific Compounds

01966M

Chemical Indexing M2 *11*

Fragmentation Code

H4 H401 H481 H5 H581 H582 H583 H584 H8 M220
M223 M224 M225 M231 M232 M233 M272 M281 M312 M321
M322 M323 M332 M342 M383 M391 M392 M393 M416 M431
M620 M782 M903 M904 Q251 Q252 Q254 Q263 Q271 Q273
Q315 Q336 Q416 Q451 Q616 R023 R024

Markush Compounds

199310-06302-M

Chemical Indexing M2 *12*

Fragmentation Code

K0 K4 K421 M225 M231 M272 M281 M320 M416 M431
M620 M630 M782 M903 M904 M910 Q251 Q252 Q254 Q263
Q271 Q273 Q315 Q336 Q416 Q451 Q616 R023 R024

Specific Compounds

05327M

Chemical Indexing M2 *13*

Fragmentation Code

A119 A940 C101 C106 C108 C530 C730 C801 C802 C805
C807 M411 M431 M782 M903 M904 M910 Q251 Q252 Q254
Q263 Q271 Q273 Q315 Q336 Q416 Q451 Q616 R023 R024

Specific Compounds

01202M

Chemical Indexing M2 *14*

Fragmentation Code

A111 A940 C017 C100 C730 C801 C803 C804 C805 C806
C807 M411 M431 M782 M903 M904 M910 Q251 Q252 Q254
Q263 Q271 Q273 Q315 Q336 Q416 Q451 Q616 R023 R024

Specific Compounds

01706M

Chemical Indexing M2 *15*

Fragmentation Code

H4 H401 H481 H8 J0 J013 J1 J173 M280 M313
M321 M332 M344 M349 M381 M391 M416 M431 M620 M630
M782 M903 M904 M910 Q251 Q252 Q254 Q263 Q271 Q273
Q315 Q336 Q416 Q451 Q616 R023 R024

Specific Compounds

04004M 06310M 16811M

Chemical Indexing M2 *17*

Fragmentation Code

F011 F012 F432 H2 H211 J5 J592 J9 K0 K8
K850 L9 L943 M280 M320 M413 M431 M510 M521 M530
M540 M630 M782 M903 M904 M910 Q251 Q252 Q254 Q263
Q271 Q273 Q315 Q336 Q416 Q451 Q616 R023 R024

Specific Compounds

03152M

Chemical Indexing M2 *18*

Fragmentation Code

J0 J012 J2 J271 J3 J371 K0 L7 L722 M210
M211 M225 M231 M232 M233 M273 M283 M311 M313 M321
M332 M342 M349 M381 M392 M416 M431 M620 M782 M903
M904 Q251 Q252 Q254 Q263 Q271 Q273 Q315 Q336 Q416
Q451 Q616 R023 R024

Markush Compounds

199310-06303-M

Chemical Indexing M2 *19*

Fragmentation Code

A220 A960 C710 J0 J011 J1 J171 M210 M211 M262

M281 M320 M411 M431 M510 M520 M530 M540 M620 M630
M782 M903 M904 M910 Q251 Q252 Q254 Q263 Q271 Q273
Q315 Q336 Q416 Q451 Q616 R023 R024
Specific Compounds
00233M

Chemical Indexing M6 *10*

Fragmentation Code

M903 P001 P002 P220 P340 P361 P930 Q251 Q252 Q254
Q263 Q271 Q273 Q315 Q336 Q416 Q451 Q606 Q616 R022
R023 R024 R111 R210 R308 R311

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0001U; 0233U ; 0419U ;
0743U ; 1174U ; 1202U
; 1391U ; 1487U ; 1706U ; 1966U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1993-034494